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OAK

PHOTOGRAPHIC INTERPRETATION REPORT



MISSION 4025
16-20 FEBRUARY 1966

PART II

FEBRUARY 1966

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OAK - PART II

MISSION 4025

PREFACE

THIS IS THE SECOND AND FINAL OAK REPORT ON MISSION 4025 AND PROVIDES INFORMATION ON THOSE COMMITTEE ON OVERHEAD RECONNAISSANCE (COMOR) TARGETS OBSERVED ON THE PHOTOGRAPHY.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE PRECEDING THE COORDINATES.

SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET OBSERVED AND REPORTED FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE SUFFIXED WITH THE LETTER D FOR DESCENDING (NORTH-TO-SOUTH). FRAMES ARE INDICATED BY THE FRAME NUMBER WITH AN INDEX NUMBER RUNNING CONSECUTIVELY FROM THE BEGINNING OF EACH PASS -- 4/8 FOR EXAMPLE, MEANS FRAME 4, INDEX 8. UNIVERSAL REFERENCE GRID (X-Y) COORDINATES ARE GIVEN IN PARENTHESIS AFTER THE INDEX NUMBER TO WHICH THEY APPLY. THIS GRID IS IDENTIFIED AS UNIVERSAL GRID NO 1, FEB 64. SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE -- C (CLEAR), SC (SCATTERED CLOUDS), HC (HEAVY CLOUDS), H (HAZE), CS (CLOUD SHADOW), S (SNOW), O (OBLIQUITY), SD (SEMI-DARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), AND GR (GROUND RESOLUTION).

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF PHOTOGRAPHIC COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS INDICATED BY ST (STEREO), NS (NON-STEREO), OR PS (PARTIAL STEREO).

OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY IS BEING ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERIS DATA. CONSEQUENTLY, FUTURE DETAILED ANALYSIS MAY RESULT IN MINOR ALTERATIONS.

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Highlights

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HIGHLIGHTS

1. TYURATAM LAUNCH COMPLEX J

AT LAUNCH AREA J1-J2, THE PREVIOUSLY REPORTED Y-SHAPED STRUCTURES IN THE EXCAVATIONS ARE IDENTIFIED AS BLAST DEFLECTORS.

2. TYURATAM LAUNCH GROUP L

LAUNCH SITES L3, L4, L8, L9, AND L10 ARE COVERED ON PHOTOGRAPHY AND ALL APPEAR COMPLETE.

3. OLOVYANNAYA ICBM LAUNCH GROUP H

PROBABLE LAUNCH SITE H6 CAN NOW BE CONFIRMED. IT IS IN A MID-STAGE OF CONSTRUCTION.

4. DOMBAROVSKIY ICBM COMPLEX

A POSSIBLE TYPE IIIC LAUNCH AREA, DESIGNATED POSSIBLE M, IS NEWLY IDENTIFIED APPROXIMATELY 14.2 NM SSW OF THE COMPLEX SUPPORT FACILITY AT 50-50N 059-36E. LAUNCH AREAS A, B AND C ARE NOW COMPLETE.

5. UGOLNYY MRBM LAUNCH SITE

ANALYSIS OF VEHICLES PREVIOUSLY IDENTIFIED AS PROBABLE SCAMP REVEALS THAT THEY NO LONGER RESEMBLE SCAMP. THEY ARE NOW CONSIDERED TO BE UNIDENTIFIED VEHICLES.

6. SARY-SHAGAN AMM/SAM LAUNCH COMPLEX 1

ALL 18 LAUNCH POSITIONS OF THE 3 LAUNCH SITES ARE OCCUPIED BY RAIL-TYPE LAUNCHERS APPROXIMATELY 25 FT LONG.

7. CHERPOVETS AMM/SAM LAUNCH COMPLEX

EACH LAUNCH POSITION AT SITES A, B, AND C IS OCCUPIED BY A RAIL-TYPE LAUNCHER AND 2 ADDITIONAL PIECES OF EQUIPMENT, PROBABLY DOLLIES.

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8. GLAZOV REGIONAL MILITARY STOR INSTALLATION

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AT LEAST 600 UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT
AND AT LEAST 140 RAIL CARS OBSERVED IN STORAGE AREA.

9. TAMBOV REGIONAL MILITARY STOR INSTALLATION

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APPROXIMATELY 1,000 UNIDENTIFIED VEHICLES/PIECES OF
EQUIPMENT OBSERVED IN STORAGE AREA IN THE SAME
LOCATIONS

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12. KARSHI TALL KING FACILITY (ELECTRONICS BONUS 1)

THIS NEWLY IDENTIFIED FACILITY IS LOCATED 10 NM SSW
OF KARSHI AND CONTAINS 1 TALL KING ANTENNA, 1 ANTENNA
BUILDING, 1 SUPPORT BUILDING, AND 1 GENERATOR BUILDING.

13. AMDERMA TROPOSCATTER SITE (ELECTRONICS BONUS 2)

THIS NEWLY IDENTIFIED TYPE II TROPOSCATTER FACILITY
IS LOCATED 6 NM SW OF AMDERMA.

14. CHUEH-SHAN MILITARY AREA (MILITARY BONUS 1)

FORTY-NINE PROBABLE TANKS/SP GUNS ARE OBSERVED AT
THIS NEWLY IDENTIFIED AREA WHICH IS LOCATED 8.5 NM
WEST OF CHUEH-SHAN.

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STATUS OF COMOR TARGET READOUT

A TOTAL OF 78 COMOR TARGETS WERE OBSERVED DURING THE OAK REPORTING PERIOD AND ARE CONTAINED IN THIS OAK.

TABULAR SUMMARY

A RECAPITULATION OF SIGNIFICANT ACTIVITY OBSERVED ON MISSION 4025 AND NPIC CURRENT MISSILE LISTINGS IS PRESENTED IN THE FOLLOWING TABLES ON SUCCEEDING PAGES --

TABLE 1 -- SOVIET ICBM DEPLOYMENT
TABLE 2 -- SOVIET MRBM AND IRBM DEPLOYMENT
TABLE 3 -- SAM AND AMM/SAM DEPLOYMENT
TABLE 4 -- DATE/TIME OF PHOTOGRAPHIC PASSES

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Table 2. Soviet MRBM and IRBM Deployment

Geographic Area	Soft MRBM Launch Areas	Soft IRBM Launch Areas	Hard MRBM Launch Areas	Hard IRBM Launch Areas	Total Launch Areas	Total Launch Positions
Western	120	11	18	10	159	624
Caucasus	3		2	3	8	29
Central Asia	2	3	1	3	9	33
Far Eastern	10	1		1	12	47
Totals	135	15	21	17	188	733

Totals do not include 94 fixed field-type sites with total of 352 launch positions and one launch facility at Sovetskaya Gavan.

Table 3. SAM and AMM/SAM Deployment

		Country																Totals ***	
		USSR	Albania	Bulgaria	Czechoslovakia	Hungary	Poland	Rumania	Yugoslavia	China	Mongolia	North Korea	Indonesia	Egypt	Cuba	India	North Vietnam		
SAM sites	SA-1	56																56	Confirmed
																			Probable
		1																1	Possible
		1036*	2	19	23	16	30	18	5	16	1	2	5	30	24**	13	90	1384	Training
	SA-2	5			1					1								8	Confirmed
		32								1				1	3	2	1	1	Probable
SA-2 SAM Support Facilities	SA-3	110																40	Possible
		2																110	Training ***
		7				1												7	Confirmed
		193	1	4	6	3	6	2	1		1	1	4	6	3	2		237	Probable
SA-3 SAM Assembly Facilities		1		2				1										4	Possible
		1																1	Confirmed
		12																12	Probable
AMM/SAM Complexes		12																12	Possible
																			Confirmed
																			Probable

*Does not include alternate sites, USSR.

*** Total reflects individual sites

TOTALS AS OF MISSION 4025

**Does not include 29 abandoned sites.

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Missiles

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MISSILES

TYURATAM MISSILE TEST CENTER

UR 4538N 06317E

NO NEW MISSILE FACILITIES IDENTIFIED IN THE CLOUD-FREE PORTIONS OF THE 50-NM SEARCH AREA.

TYURATAM LAUNCH COMPLEX A (SITES 1,15)

UR 4555N 06320E

NO SIGNIFICANT CHANGE IN LAUNCH FACILITIES. PIECES OF EQUIPMENT/VEHICLES POSITIONED ON THE RAIL SPURS NEAR A1 ARE IN THE SAME POSITIONS ON BOTH PASSES ON THIS MISSION AND APPEAR TO BE IN APPROXIMATELY THE SAME LOCATIONS AS THEY WERE [REDACTED] TWO OF THESE ARE PROBABLE MISSILE TRANSPORTERS AND APPEAR TO BE GENERALLY SIMILAR TO THOSE PREVIOUSLY OBSERVED AT LAUNCH AREA G3-G4 (SITE 11). THE CHERRY PICKER REPORTED [REDACTED] HAS AT LEAST 3 SERVICE PLATFORM LEVELS.

A NEWLY IDENTIFIED BUILDING IS LOCATED JUST NW OF THE MISSILE ASSEMBLY/CHECKOUT BUILDING IN THE SUPPORT FACILITY. THE BUILDING IS AS LARGE AS THE ASSEMBLY/CHECKOUT BUILDING AND IS AT LEAST 5 STORIES HIGH. RAILS CANNOT BE IDENTIFIED ENTERING THE BUILDING. THERE IS NO EVIDENCE OF THE BUILDING ON [REDACTED] AND FIRST EVIDENCE OF AN EXCAVATION FOR FOOTINGS WAS OBSERVED [REDACTED]

[REDACTED] A HEAT/POWERPLANT IS LOCATED SOUTH OF THIS BUILDING AND A PROBABLE STEAM LINE EXTENDS NW TO COMPLEX J WHERE IT TURNS AND PARALLELS THE ACCESS ROAD TO LAUNCH AREA J1-J2 (SITE 31).

(SEE ATTACHMENT)

TYURATAM LCH CPLX B (SITES 2,16,17,35)

UR 4559N 06333E

AT LAUNCH AREA B4 (SITE 35), GROUND WORK HAS BEGUN ON THE CONSTRUCTION OF A NEW BUILDING ON THE WESTERN SIDE OF THE ACCESS ROAD AT ITS PRESENT TERMINUS SOUTH OF THE SILO. OTHER PORTIONS OF THE COMPLEX ARE NOT COVERED.

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NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES.

TYURATAM LAUNCH COMPLEX E (SITE 6)

UR 4557N 06311E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

TYURATAM LAUNCH COMPLEX F (SITE 5)

UR 4601N 06305E

AN UNIDENTIFIED PIECE OF EQUIPMENT IS LOCATED ON THE LOOP ROAD FORWARD OF AND TO THE LEFT OF THE LEFT SILO. ANOTHER VEHICLE/PIECE OF EQUIPMENT IS LOCATED JUST OFF THE LOOP ROAD TO THE RIGHT OF THE RIGHT SILO.

NO MISSILES, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES.

TYURATAM LCH CPLX I (SITES 14,32,36)

UR 4555N 06326E

NO SIGNIFICANT CHANGE IN FACILITIES. AT LAUNCH AREA I1 (SITE 14), SEVERAL UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT ARE ON THE ROADS IN AND ABOUT THE LAUNCH AREA. THE SILO DOOR IS CLOSED AND A PROBABLE ERECTOR/TRANSPORTER IS ON THE APRON IN FRONT OF THE SILO. THIS APPEARS TO BE SIMILAR TO OTHERS PREVIOUSLY REPORTED AT DEPLOYED TYPE IIIA ICBM SITES. THE SILO CORING AT LAUNCH AREA I2 (SITE 32) APPEARS TO HAVE A CIRCULAR CASING SUPPORTING THE SIDES OF THE CORING, AND THE 1 AT LAUNCH AREA I3 (SITE 36) APPEARS TO BE SIMILAR, BUT HAS A PROBABLE ENVIRONMENTAL COVER. NO CONSTRUCTION OF THE SILO CAN BE OBSERVED AT A LEVEL HIGHER THAN THE FLOOR OF THE EXCAVATION. SEVERAL SMALL STRUCTURES AND VEHICLES/PIECES OF EQUIPMENT ARE IN THE VICINITY OF LAUNCH AREAS I1 AND I2. NO MISSILES OBSERVED.

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TYURATAM LAUNCH COMPLEX J (SITE 31)

UR 4555N 06317E

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NO SIGNIFICANT CHANGE OBSERVED AT LAUNCH COMPLEX J. A FOURTH BATCH PLANT IS NEWLY IDENTIFIED AT THE CONSTRUCTION SUPPORT AREA. A PROBABLE STEAM LINE UNDER CONSTRUCTION EXTENDS NW FROM A HEAT/POWERPLANT AT LAUNCH COMPLEX A TO THE SUPPORT FACILITY AT COMPLEX J, WHERE IT TURNS TO PARALLEL THE ROAD TO LAUNCH AREA J1-J2 (SITE 31). DITCHING EXTENDS TOWARD THE LAUNCH AREA FROM THE PRESENT TERMINUS OF THE LINE.

FOOTINGS FOR THE GANTRY TRACKS ARE UNDER CONSTRUCTION IN 2 PARALLEL DITCHES AT VARIOUS POINTS BETWEEN THE ASSEMBLY/CHECKOUT BUILDING AND THE LAUNCH AREA. IT APPEARS THAT PORTIONS OF THE GANTRY TRACKS PREVIOUSLY CONSTRUCTED ARE BEING RE-EXCAVATED AND ENLARGED, AND A THIRD DITCH INDICATES A Y WHICH WOULD ENTER BOTH DOORS OF THE BUILDING. THE RAILS PREVIOUSLY OBSERVED SERVING THE ASSEMBLY/CHECKOUT BUILDING HAVE BEEN REMOVED.

AT LAUNCH AREA J1-J2, THE PREVIOUSLY REPORTED Y-SHAPED STRUCTURES IN THE EXCAVATIONS AT J1-J2 ARE IDENTIFIED AS BLAST DEFLECTORS. FORWARD OF THE EXCAVATION AT J1 IS AN ARCUATE DITCH CONTAINING A CONDUIT WHICH IS OPEN ALONG THE TOP. A SIMILAR DITCH CAN BE SEEN FORWARD OF J2. OTHER DITCHING CONTAINING CONDUITS CONNECTS J1 AND J2 BOTH FORWARD OF, AND TO THE REAR OF, THE EXCAVATIONS. SEGMENTS OF A SECOND SECURITY FENCE ARE NOW APPARENT.

NO MISSILES, MISSILE-RELATED EQUIPMENT, OTHER NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

(SEE ATTACHMENT)

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TYURATAM LAUNCH COMPLEX K (SITES 13,20)

UR 4601N 06303E

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LAUNCH AREA K1-K2 (SITE 13) IS IN A LATE STAGE OF CONSTRUCTION. AT LAUNCH AREA K1, THE SILO DOOR APPEARS TO BE COMPLETE AND OPEN. AN EXCAVATION CONTAINING AN UNIDENTIFIED OBJECT IS LOCATED JUST WEST OF THE LOOP

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ROAD. DITCHING EXTENDS FROM THIS EXCAVATION TOWARD K1. AT LAUNCH AREA K2, THE SILO DOOR APPEARS TO BE UNDER CONSTRUCTION. AT THE ENTRANCE TO LAUNCH AREA K1-K2 (SITE 13), IN ADDITION TO THE PREVIOUSLY REPORTED BUILDING PARALLELING THE ACCESS ROAD, THERE ARE 3 OTHER BUILDINGS AND APPROXIMATELY 30 VEHICLES/PIECES OF EQUIPMENT INCLUDING 1 ON THE ACCESS ROAD JUST INSIDE THE FENCE. AT LAUNCH AREA K3 (SITE 20), THE LACK OF STEREO PHOTOGRAPHY PRECLUDES IDENTIFICATION OF A SILO DOOR. THE SILO IS OPEN AND A LIGHT TONED CIRCULAR OBJECT IS LOCATED IN THE NOTCH IN THE ACCESS RAMP. SEVERAL UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT ARE LOCATED IN AND ABOUT THE LAUNCH AREA.

NO MISSILES, OTHER MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES.

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TYURATAM LAUNCH GROUP L

UR 4603N 06259E

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LAUNCH SITES L3 (SITE 22), L4 (SITE 21), L8 (SITE 28), L9 (SITE 23), AND L10 (SITE 24) ARE COVERED, BUT ONLY L8 AND L9 ARE IN STEREO. UNIDENTIFIED CONSTRUCTION/EXCAVATING IS OBSERVED JUST NW OF THE SILOS AT L4 (SITE 21) AND L8 (SITE 28). ALL SITES COVERED APPEAR COMPLETE. LITTLE OR NO ACTIVITY OBSERVED. ALL SITES ARE SERVED BY IMPROVED ROADS. NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

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TYURATAM LAUNCH COMPLEX M (SITES 33 & 34) UR 4603N 06301E

LAUNCH AREAS M1 (SITE 33) AND M2 (SITE 34) BOTH APPEAR AT THE EXTREME EDGE OF THE FRAME AND CAN BE IDENTIFIED ONLY. AT LAUNCH AREA M3, A PLUS-SHAPED GROUND SCAR, CENTERED ON THE SILO CORING, IS NOW APPARENT. WITHIN THE EXCAVATION, A CRANE AND PROBABLE SECTION OF SILO CASING CAN BE IDENTIFIED IN ADDITION TO THE SILO CORING. IMMEDIATELY SOUTH OF THE SILO EXCAVATION, WITHIN 15 FT OF ITS EDGE, IS A MUCH SMALLER, NARROW, RECTANGULAR EXCAVATION. A SMALL, NEARLY SQUARE STRUCTURE IS LOCATED OFF THE NORTHEASTERLY END OF THE SILO EXCAVATION ALONG THAT PORTION OF THE PLUS-SHAPED

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GROUND SCAR.

NO MISSILES, MISSILE-RELATED EQUIPMENT, OTHER NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

TYURATAM MAIN SUPPORT BASE

UR 4538N 06317E

NO SIGNIFICANT CHANGE OBSERVED IN CLOUD-FREE PORTIONS OF THE STORAGE AND CONSTRUCTION AREA, MAIN POWERPLANT, WATER TREATMENT PLANT, OR ADMINISTRATION AND HOUSING AREA.

DROVYANAYA ICBM COMPLEX

UR 5131N 11300E

NO NEW MISSILE FACILITIES OBSERVED WITHIN PORTIONS OF 50-NM SEARCH AREA COVERED ON PHOTOGRAPHY.

DROVYANAYA ICBM LAUNCH AREA A (SITE 1)

UR 5125N 11300E

A MISSILE IS ERECTED ON THE LEFT PAD AND A POSSIBLE MISSILE IS IN FRONT OF THE RIGHT MISSILE READY BUILDING. NO NEW CONSTRUCTION OR SIGNIFICANT CHANGES OBSERVED.

DROVYANAYA ICBM LAUNCH AREA B (SITE 2)

UR 5125N 11304E

TWO PIECES OF POSSIBLE MISSILE-RELATED EQUIPMENT OBSERVED AT MISSILE RIM FACILITY. NO NEW CONSTRUCTION OR SIGNIFICANT CHANGES OBSERVED.

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DROVYANAYA ICBM LAUNCH AREA C (SITE 4) UR 5127N 11303E

A POSSIBLE MISSILE ON TRANSPORTER IS ON LEFT PAD. A PROBABLE MISSILE IS IN FRONT OF THE RIGHT MISSILE READY BUILDING AND 1 POSSIBLE MISSILE AND 1 PIECE OF PROBABLE MISSILE-RELATED EQUIPMENT ARE ON THE ROAD BETWEEN LAUNCH PADS.

NO NEW CONSTRUCTION OR SIGNIFICANT CHANGES OBSERVED.

DROVYANAYA ICBM LAUNCH AREA D (SITE 3) UR 5120N 11301E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, OR SIGNIFICANT CHANGES OBSERVED.

DROVYANAYA ICBM LAUNCH AREA E (SITE 5) UR 5122N 11250E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, OR SIGNIFICANT CHANGES OBSERVED.

DROVYANAYA ICBM LAUNCH AREA F (SITE 6) UR 5120N 11254E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, OR SIGNIFICANT CHANGES OBSERVED.

DROVYANAYA ICBM LAUNCH GROUP G UR 5134N 11304E

CONSTRUCTION STATUS OF SITE G10 (SITE 18) CANNOT BE DETERMINED. SITES G6 (SITE 12), G7 (SITE 13), AND G8 (SITE 14) ARE THE ONLY OTHER SITES COVERED. NO MISSILES OR MISSILE-RELATED EQUIPMENT, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

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DROVYANAYA ICBM LAUNCH GROUP H

UR 5122N 11302E

ALL SITES IN LAUNCH GROUP H (SITES 15,19-26,28) ARE COVERED. THE CONSTRUCTION STATUS OF SITE H4 (SITE 21) CANNOT BE DETERMINED. THE REMAINING 9 SITES ARE ALL IN A LATE STAGE OF CONSTRUCTION.

DROVYANAYA ICBM COMPLEX SUPPORT FACILITY UR 5131N 11300E

NO MISSILES, NEW CONSTRUCTION, OR SIGNIFICANT CHANGES OBSERVED.

DROVYANAYA ICBM RAIL-TO-ROAD TSFR POINT UR 5130N 11302E

NO MISSILES OR NEW CONSTRUCTION OBSERVED. INSTALLATION CONTAINS APPROXIMATELY 30 BUILDINGS. TWO LONG ARCH-ROOFED BUILDINGS IN THE CENTER OF THE AREA ARE EARTH MOUNDED. CONVENTIONAL RAIL CARS ARE PRESENT ON THE RAIL SYSTEM.

OLOVYANNAYA ICBM COMPLEX

UR 5049N 11550E

NO NEW MISSILE FACILITIES OBSERVED IN PORTION OF SEARCH AREA COVERED ON PHOTOGRAPHY.

OLOVYANNAYA ICBM LAUNCH AREA A (SITE 1) UR 5054N 11548E

THE AREA SOUTH OF THE LAUNCH SITE REPORTED [REDACTED] NOW CONTAINS 4 BARRACKS-TYPE BUILDINGS, 1 POSSIBLE ADMINISTRATION BUILDING, 14 EARTH-MOUNDED BUILDINGS, AND SEVERAL MISCELLANEOUS STRUCTURES. NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

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OLOVYANNAYA ICBM LAUNCH AREA B (SITE 2) UR 5055N 11544E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR FEATURES NOT PREVIOUSLY REPORTED.

OLOVYANNAYA ICBM LAUNCH AREA C (SITE 3) UR 5101N 11558E

NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

OLOVYANNAYA ICBM LAUNCH GROUP E UR 5056N 11558E

LAUNCH SITES E2 (SITE 14), E4 (SITE 16), E6 (SITE 18), E7 (SITE 20), AND E9 (SITE 22) ARE IN LATE STAGES OF CONSTRUCTION. STATUS OF SITES E1 (SITE 17) AND E3 (SITE 15) CANNOT BE DETERMINED. LAUNCH SITES E5 (SITE 19), E8 (SITE 21), AND E10 (SITE 23) REMAIN IN A MID-STAGE OF CONSTRUCTION. NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

OLOVYANNAYA ICBM LAUNCH GROUP F UR 5051N 11551E

LAUNCH SITES F1-F6 (SITES 24, 35-39) AND F9 (SITE 44) ARE COVERED AND REMAIN IN A MID-STAGE OF CONSTRUCTION. NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

OLOVYANNAYA ICBM LAUNCH GROUP G UR 5043N 11544E

LAUNCH GROUP G (SITES 25-34) REMAINS IN A MID-STAGE OF CONSTRUCTION. NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

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OLOVYANNAYA ICBM LAUNCH GROUP H

UR 5040N 11558E

PROBABLE LAUNCH SITE H6 (SITE 45) CAN NOW BE CONFIRMED. IT IS IN A MID-STAGE OF CONSTRUCTION AND IS SINGLY FENCED. LAUNCH SITE H7 (SITE 51) REMAINS IN A MID-STAGE OF CONSTRUCTION. THE REMAINING SITES ARE NOT COVERED.

OLOVYANNAYA ICBM COMPLEX SUPPORT FACILITY UR 5049N 11550E

A RAIL-SERVED, SINGLY FENCED AREA CONTAINING AT LEAST 41 PROBABLE HORIZONTAL STORAGE TANKS IS LOCATED IN THE SE PORTION OF THE RAILHEAD AND STORAGE AREA.

OLOVYANNAYA ICBM RAIL-TO-ROAD TSFR POINT UR 5050N 11552E

SINGLY FENCED RAIL-TO-ROAD TRANSFER POINT NOW CONTAINS APPROXIMATELY 30 BUILDINGS, 1 HEAT PLANT, 2 EARTH-MOUNDED BUILDINGS, NUMEROUS SHEDS, 2 LARGE AND 6 SMALL EARTH-MOUNDED CYLINDRICAL TANKS, 10 SMALL HORIZONTAL TANKS, 2 STRUCTURES UNDER CONSTRUCTION IN EXCAVATIONS, AND A 4-SECTION PROBABLE SPRAY POND UNDER CONSTRUCTION. ADJACENT TO THE EAST SIDE IS A SMALL VEHICLE PARK CONTAINING APPROXIMATELY 10 FUEL TRUCKS AND 14 OTHER VEHICLES/PIECES OF EQUIPMENT.

DOMBAROVSKIY ICBM COMPLEX

UR 5101N 05950E

POSSIBLE TYPE IIIC LAUNCH AREA, DESIGNATED POSSIBLE M, IS NEWLY IDENTIFIED APPROXIMATELY 14.2 NM SSW OF THE COMPLEX SUPPORT FACILITY AT 50-50N 059-36E.

THE SITE IS IN A VERY EARLY STAGE OF CONSTRUCTION. IT WAS NOT PRESENT THE LAUNCH AREA CONSISTS OF A SECURED AREA CLEARED OF SNOW AND CONNECTED BY TRACK ACTIVITY TO A SECOND AREA CONTAINING APPROXIMATELY 5 SMALL BUILDINGS AND 2 LARGE BUILDINGS UNDER CONSTRUCTION.

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DOMBAROVSKIY ICBM LAUNCH AREA A (SITE 4) UR 5111N 05937E

THE LAUNCH SITE IS NOW COMPLETE. FOUR PROBABLE VEHICLES OBSERVED ON THE ACCESS ROAD NEAR THE LAUNCH SILO. NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR FEATURES NOT PREVIOUSLY REPORTED.

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25X1

DOMBAROVSKIY ICBM LAUNCH AREA B (SITE 3) UR 5106N 05937E

THE LAUNCH SITE IS NOW COMPLETE. A LINEAR OBJECT IS ON THE ACCESS ROAD IN FRONT OF THE SILO STRUCTURE. THE ENTIRE SITE HAS A CLUTTERED APPEARANCE. CONSTRUCTION CONTINUES ON THE L-SHAPED ELECTRONIC FACILITY. NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR FEATURES NOT PREVIOUSLY REPORTED.

25X1

DOMBAROVSKIY ICBM LAUNCH AREA C (SITE 2) UR 5101N 05941E

THE LAUNCH SITE IS NOW COMPLETE. NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR FEATURES NOT PREVIOUSLY REPORTED.

25X1

DOMBAROVSKIY ICBM LAUNCH AREA D (SITE 1) UR 5058N 05932E

THE LAUNCH SITE REMAINS IN A MID-STAGE OF CONSTRUCTION, HOWEVER, BACKFILLING OF THE SILO STRUCTURE HAS BEGUN. NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR FEATURES NOT PREVIOUSLY REPORTED.

25X1

TOP SECRET

25X1

25X1

TOP SECRET

MISSION 4025 16-20 FEB 66

DOMBAROVSKIY ICBM LAUNCH AREA G (SITE 11) UR 5112N 05950E

THE LAUNCH SITE REMAINS IN AN EARLY STAGE OF CONSTRUCTION. A DARK OBJECT IS VISIBLE IN THE SILO EXCAVATION. A CRADLE-LIKE OBJECT APPEARS TO BE UNDER CONSTRUCTION ON THE NW SIDE OF THE SILO EXCAVATION. THE SITE SUPPORT FACILITY CONTAINS 3 LARGE AND APPROXIMATELY 8 SMALL BUILDINGS.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR FEATURES NOT PREVIOUSLY REPORTED.

DOMBAROVSKIY ICBM LAUNCH AREA H (SITE 10) UR 5109N 05944E

THE LAUNCH SITE IS NOW IN A MID-STAGE OF CONSTRUCTION. NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR FEATURES NOT PREVIOUSLY REPORTED.

DOMBAROVSKIY ICBM LAUNCH AREA I (SITE 8) UR 5102N 05957E

ONLY THE SITE SUPPORT FACILITY IS COVERED. NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR FEATURES NOT PREVIOUSLY REPORTED.

DOMBAROVSKIY ICBM LAUNCH AREA J (SITE 9) UR 5105N 05950E

THE LAUNCH SITE REMAINS IN A MID-STAGE OF CONSTRUCTION. CONSTRUCTION CONTINUES ON THE PROBABLE L-SHAPED ELECTRONIC FACILITY. CONSTRUCTION HAS BEGUN ON 2 LONG RECTANGULAR BUILDINGS BETWEEN THE LAUNCH SITE AND THE SUPPORT FACILITY. THE SITE SUPPORT FACILITY NOW CONTAINS 8 LARGE AND APPROXIMATELY 25 SMALL BUILDINGS.

NO MISSILES, MISSILE-RELATED EQUIPMENT, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

TOP SECRET

TOP SECRET

MISSION 4025 16-20 FEB 66

25X1

25X1

25X1

DOMBAROVSKIY ICBM LAUNCH AREA K (SITE 12) UR 5110N 05957E
IDENTIFICATION ONLY.

25X1

25X1

DOMBAROVSKIY ICBM COMPLEX SUPPORT FAC UR 5101N 05950E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR FEATURES NOT
PREVIOUSLY REPORTED.

25X1

DOMBAROVSKIY ICBM RAIL-TO-ROAD TSFR POINT UR 5101N 05947E

THIS INSTALLATION CAN NOW BE CONFIRMED AS A
RAIL-TO-ROAD TRANSFER POINT. IT CONTAINS 3 LARGE
MOUNDED BUILDINGS, 1 MONITOR-ROOFED BUILDING, 2 CANTED
BUILDINGS, 2 OTHER LARGE BUILDINGS, AND NUMEROUS
SMALLER BUILDINGS LOCATED THROUGHOUT THE AREA.

NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

25X1

UGOLNYY MRBM LAUNCH SITE

UR 6446N 17758E

NO CHANGE IN PERMANENT FACILITIES EXCEPT FOR 2
BUILDINGS WHICH HAVE BEEN COMPLETED EAST OF THE SITE
SUPPORT FACILITY. TWO LAUNCH PADS CONTAIN ERECTORS.

EIGHT VEHICLES ARE OBSERVED ON THE SITE ROAD NETWORK.
ANALYSIS OF THESE VEHICLES, PREVIOUSLY IDENTIFIED AS
PROBABLE SCAMP, REVEALS THAT THEY NO LONGER RESEMBLE
SCAMP. THEY ARE NOW CONSIDERED TO BE UNIDENTIFIED
VEHICLES AS SHADOW ANALYSIS SHOWS THAT AT LEAST SOME OF
THE VEHICLES APPEAR TO BE WHEELED RATHER THAN TRACKED,
AND ON SOME, THE SHARP ANGULARITY OF THE FORWARD
PORTION OF THE VEHICLE DOES NOT EQUATE TO THE NOSE
PORTION OF THE SCAMP. PRELIMINARY MENSURATION SHOWS

TOP SECRET

25X1

25X1

TOP SECRET

MISSION 4025 16-20 FEB 66

THE VEHICLES TO BE [REDACTED] IN LENGTH.

[REDACTED]
APPROXIMATELY 15 NOSECONE VANS OBSERVED IN THE AREA. NUMEROUS SMALL VEHICLES/PIECES OF EQUIPMENT OBSERVED IN THE SITE SUPPORT FACILITY. NO CHANGE IN THE NEARBY ELECTRONIC FACILITIES.

SARY-SHAGAN ANTIMISSILE TEST CENTER

UR 4602N 07334E

THE ONLY FACILITIES COVERED AT THE TEST CENTER ARE AMM/SAM LAUNCH AREA 1 AND THOSE INSTALLATIONS DUE SOUTH AS FAR AS THE LONG DIRT STRIP, AND INSTRUMENTATION SITE 6 TO THE WEST. NO NEW MISSILE FACILITIES OBSERVED IN AREAS COVERED ON PHOTOGRAPHY.

APPROXIMATELY 18 PROBABLE MISSILE DOLLIES ARE IMMEDIATELY NORTH AND OUTSIDE THE FENCED AREA OF THE LARGER OF THE 2 EXPLOSIVES STORAGE AREAS. NEAR THE NE CORNER OF THE SMALLER OF THE 2 EXPLOSIVES STORAGE AREAS ARE 21 UNIDENTIFIED PIECES OF EQUIPMENT/VEHICLES (6 APPROXIMATELY [REDACTED] AND 15 APPROXIMATELY 15 FT LONG). THE CENTER PORTIONS OF 8 ARE CANVAS COVERED, WHILE THE BALANCE APPEAR TO HAVE A FRAME OVER THEM BUT ARE NOT CANVAS COVERED.

SARY-SHAGAN AMM/SAM LAUNCH COMPLEX 1

UR 4605N 07327E

ALL 18 LAUNCH POSITIONS OF THE 3 LAUNCH SITES ARE OCCUPIED BY RAIL-TYPE LAUNCHERS APPROXIMATELY 25 FT LONG.

LAUNCH SITE A RESEMBLES LAUNCH SITE B AT SARY-SHAGAN AMM/SAM LAUNCH COMPLEX 2 (FORMERLY DESIGNATED LAUNCH AREA 2) IN HAVING NO FORKED PATTERNS OR PROBABLE PARALLEL RAILS AT THE LAUNCH POSITIONS. LAUNCH SITES B AND C RESEMBLE LAUNCH SITE A AT AMM/SAM LAUNCH COMPLEX 2 IN HAVING FORKED PATTERNS WITH PROBABLE PARALLEL RAILS. ON EACH LEG OF ALL BUT ONE OF THESE FORKED PATTERNS AT LAUNCH SITES B AND C, 2 PROBABLE DOLLIES APPROXIMATELY 5 BY 15 FT CAN BE IDENTIFIED. AT LAUNCH

TOP SECRET

TOP SECRET

MISSION 4025 16-20 FEB 66

25X1
25X1

POSITION 4, LAUNCH SITE B, THE 2 PROBABLE DOLLIES ARE POSITIONED CLOSE TO THE LAUNCHER. DISTANCE FROM THE RAIL EXTREMITIES TO THE LAUNCH POINT IS APPROXIMATELY 125 FT. PROBABLE PARALLEL RAILS HAVE A GAUGE OF

25X1

AT THE 3 LAUNCH SITES, ARC-TYPE REVETMENTS ARE OBSERVED AT LAUNCH POSITIONS 1 AND 2, AND SHORT LINEAR REVETMENTS ARE AT LAUNCH POSITIONS 5 AND 6. POSITIONS 3 AND 4 ARE UNRETTED. IMMEDIATELY SOUTH OF LAUNCH POSITION 3 AT SITE A IS BUILDING NOT FOUND AT THE OTHER SITES.

25X1

DISTANCE FROM LAUNCH POSITION TO ADJACENT LAUNCH POSITION AT THE 3 SITES IS APPROXIMATELY 345 FT EXCEPT FROM POSITION 3 TO 4 AND FROM POSITION 1 TO 6 WHICH MEASURE APPROXIMATELY 380 FT AND 715 FT, RESPECTIVELY. THE DISTANCE BETWEEN SITE CENTERS IS 1,350 FT.

CABLE SCARS LEAD FROM THE CENTRAL REVETTED AREA TO EACH OF THE 6 LAUNCH POSITIONS OF THE 3 SITES. THE 3 CENTRAL REVETTED AREAS ARE POSSIBLY NETTED. THE CENTRAL AREA AT LAUNCH SITE A APPEARS OCCUPIED BY SEVERAL POSSIBLE PIECES OF EQUIPMENT. THREE SMALL STRUCTURES ARE IMMEDIATELY OUTSIDE THE REVETTED AREA. INSIDE THE CENTRAL AREA AT LAUNCH SITE B IS 1 VAN AND JUST OUTSIDE THE CENTRAL AREA IS AN UNIDENTIFIED 45-FT LONG OBJECT/PIECE OF EQUIPMENT. ONE LONG VEHICLE/PIECE OF EQUIPMENT OCCUPIES THE CENTRAL AREA AT LAUNCH SITE C. ONE COVERED VEHICLE/PIECE OF EQUIPMENT IS JUST OUTSIDE THE CENTRAL AREA.

THE LINEAR REVETMENT POSITIONED WITHIN THE LOOP ROAD IMMEDIATELY EAST OF LAUNCH SITE A IS APPROXIMATELY 240 FT LONG. THE ELECTRONIC SITE, SITUATED WITHIN THE SAME FENCED AREA AND 2,900/3,760 FT NW OF THE LAUNCH AREA, CONSISTS OF A CENTRAL REVETTED CONTROL POSITION OCCUPIED BY 6 VANS/PIECES OF EQUIPMENT AND 3 UNIDENTIFIED RADARS. THE RADARS ARE CONSIDERED TO BE SIMILAR TO THOSE OBSERVED AT LENINGRAD NORTHWEST, CHEREPOVETS, AND TALLINN AMM/SAM LAUNCH COMPLEXES, AND AT ELECTRONIC SITE B, LAUNCH COMPLEX A, SARY-SHAGAN ANTIMISSILE TEST CENTER. THE CENTRAL AREA HERE IS PROBABLY NETTED. CABLE LINES EXTEND FROM THE CENTRAL AREA TO THE 3 RADAR POSITIONS.

2.5 NM NW OF AMM/SAM LAUNCH COMPLEX 1 AND CONNECTED TO IT BY CABLE IS A SECURED SITE WITH 4 PREVIOUSLY OBSERVED RADARS ON MOUNDS THAT CAN NOW BE CONFIRMED AS

TOP SECRET

25X1
25X1

TOP SECRET

MISSION 4025 16-20 FEB 66

2 BACK NET AND 2 SIDE NET. OTHER COMPONENTS INCLUDE A CENTRAL DRIVE-THROUGH REVETMENT OCCUPIED BY 18 VANS/PIECES OF EQUIPMENT, [REDACTED] BUILDING REVETTED ON 3 SIDES, AN UNOCCUPIED MOUND, A SMALL BUILDING, AND 3 VANS/VEHICLES. A CABLE LINE EXTENDS FROM THIS SITE TO 2 AREAS OF UNIDENTIFIED ACTIVITY, SITUATED APPROXIMATELY 2,925 FT NE. THE 2 AREAS OF ACTIVITY ARE RECTANGULAR AND MEASURE 700 BY 320 FT AND 580 BY 375 FT. EACH SITE CONSISTS OF 2 LINEAR MOUNDS, EACH APPROXIMATELY 70 BY 30 FT. THE MOUNDS ARE 335 FT APART AT THE NORTHERN AREA AND 300 FT APART AT THE SOUTHERN AREA.

THESE MOUNDS ARE SIMILAR IN SIZE AND CONFIGURATION TO THOSE OBSERVED IN THE NEW AREA 7,000 FT EAST OF THE MISSILE STORAGE AND CHECKOUT AREA AT LAUNCH COMPLEX A. EACH OF THE MOUNDS IS SERVED ALONG ITS EASTERN SIDE BY A SHORT ROAD SPUR WHICH RUNS INTO A ROAD PARALLELING THE EASTERN SITE BOUNDARY.

CONSTRUCTION ON THE 2 ROAD SPURS HAS TAKEN PLACE AT THE NORTH SITE [REDACTED] A SMALL APRON JOINS THE ROAD AT EACH SITE.

PHOTOGRAPHIC REFERENCES FOR SIGNIFICANT ITEMS ON PASS

[REDACTED]
AMM/SAM LAUNCH AREA 1 [REDACTED]

ELECTRONIC SITE - [REDACTED]
AMM/SAM SITE B - [REDACTED]

(SEE ATTACHMENT)

EMBA MSL TEST CENTER LAUNCH AREA

UR 4831N 05801E

UNIDENTIFIED VEHICLES/EQUIPMENT ARE LOCATED ON EACH OF THE ORIGINAL LAUNCH PADS. ADDITIONAL UNIDENTIFIED VEHICLES/EQUIPMENT ARE PARKED ON THE STAND IN FRONT OF THE CENTRAL BUNKER AND TO THE REAR OF THE LAUNCH AREA. NO EQUIPMENT OBSERVED ON THE 2 NEW POSSIBLE POSITIONS.

CONSTRUCTION CONTINUES ON THE 2 NEW BUILDINGS IN THE CHECKOUT AREA. NEW CONSTRUCTION ACTIVITY INCLUDING 1 PROBABLE BUILDING FOUNDATION IS UNDERWAY APPROXIMATELY 3,000 FT EAST OF THE CHECKOUT AREA.

TOP SECRET

TOP SECRET

MISSION 4025 16-20 FEB 66

25X1
25X1
25X1

JABAL HAMZI SSM COMPLEX

EG 3007N 03037E

25X1

NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.
BUILDING CONSTRUCTION CONTINUES IN THE SUPPORT AREA.
FOUR BUILDINGS ARE BEING CONSTRUCTED ON THE FOUNDATIONS
REPORTED [REDACTED] THE 3 BUILDINGS
REPORTED UNDER CONSTRUCTION [REDACTED] NOW APPEAR
TO BE COMPLETE AND 2 NEW BUILDING FOUNDATIONS ARE
EVIDENT.

25X1

25X1

25X1

25X6

HANOI SAM SEARCH

VN 2102N 10551E

25X1

ONE SA-2 SAM SITE IS NEWLY IDENTIFIED AT 20-54-35N
106-38-50E, 7 NM NW OF HAIPHONG (SEE MISSILE BONUS 1,
OAK PART 1).

THIRTY PERCENT OF SEARCH AREA IS COVERED ON PHOTOGRAPHY
WITH 90 TO 95 PERCENT CLOUD COVER.

25X1

SEVERODVINSK NAVAL BASE AND SHIPYARD 402 UR 6434N 03949E

HEAVY CLOUDS AND HAZE COVER LARGE PORTIONS OF THE
EASTERN END OF THE SHIPYARD. HAZE PRECLUDES
IDENTIFICATION OF ACTIVITY FROM THE QUAY TO THE YAGRY
ISLAND [REDACTED] ROOFING OVER THE
WESTERNMOST 4 TANKS OF THIS FACILITY HAS NOT YET BEGUN.

25X1

OB -- 1 SS AND 1 PROBABLE SS AT NAVAL BASE PIER, 1
OCCUPIED FLOATING DOCK AND 2 POSSIBLE LARGE SS
ALONGSIDE MAIN SHIPYARD QUAY, 1 POSSIBLE FLOATING DOCK
(OCCUPANCY UNDETERMINED) NEAR WET DOCK UNDER

30

TOP SECRET

25X1

25X1

TOP SECRET

MISSION 4025 16-20 FEB 66

CONSTRUCTION, AND 1 LARGE AND 1 SMALL POSSIBLE TRANSPORTER DOCK AND SEVERAL UNIDENTIFIED CRAFT AT WEST QUAY AREA. CATAMARAN-TYPE VESSEL PREVIOUSLY OBSERVED ON SIDE LAUNCHING WAY IS NOW BERTHED ALONG MAIN SHIPYARD QUAY JUST EAST OF PERPENDICULARLY PLACED FLOATING DOCK.

PETROPAVLOVSK NAVAL BASE TARYA BAY

UR 5255N 15830E

A LARGE BUNKER IS LOCATED NORTH OF THE WESTERNMOST PIER WHICH IS USUALLY OCCUPIED BY NUCLEAR SUBMARINES. PROBABLE CONSTRUCTION ACTIVITY IS OBSERVED IMMEDIATELY NORTH OF THE BUNKER. A SPOIL PILE IS ALSO OBSERVED BETWEEN THE MAIN BARRACKS AND STORAGE AREA. NO OTHER CHANGES IN FACILITIES

OBLIQUITY AND CONTRAST PARTIALLY LIMIT INTERPRETATION.

OB -- AT NAVAL BASE PIERS -- 1 E-CLASS SSGN, 1 POSSIBLE G-CLASS SSB, 2 PROBABLE SSB, 3 F/Z-CLASS SS, 2 W-CLASS SS, 1 PROBABLE W-CLASS SS, 2 POSSIBLE SS, 1 POSSIBLE DD, 1 DON-CLASS AS, 1 NEVA-CLASS AS, 1 ZEYA-CLASS YSRN, 1 BOLVA-CLASS APL, 1 OCCUPIED TRANSPORTER DOCK, 1 OCCUPIED FLOATING DOCK, AND 7 UNIDENTIFIED SURFACE CRAFT.

PETROPAVLOVSK NAVAL MISSILE STORAGE

UR 5256N 15823E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR FEATURES NOT PREVIOUSLY REPORTED. NUMEROUS PIECES OF PROBABLE EQUIPMENT ARE SCATTERED THROUGHOUT THE AREA.

PETROPAVLOVSK NVL MSL SUPPORT FACILITY

UR 5257N 15825E

NO CHANGE IN FACILITIES
CRANES IDENTIFIED.

OB -- 3 SIBIR-CLASS AGM, 1 LAMA-CLASS AEM, AND 3 UNIDENTIFIED SMALL SURFACE VESSELS.

TOP SECRET

TOP SECRET

MISSION 4025 16-20 FEB 66

25X1

25X1

25X1

PETROPAVLOVSK NVL B SELDEVAYA BAY

UR 5253N 15825E

25X1

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR FEATURES NOT PREVIOUSLY REPORTED.

OB -- AT WHARF AREA -- 1 POSSIBLE G-CLASS SSB, 2 LARGE UNIDENTIFIED SS (1 IN TRANSPORTER DOCK), 3 DD (1 IN FLOATING DRYDOCK), 3 OSA-CLASS PTFG, 1 DON-CLASS AS, 1 PRUT-CLASS ASR, 2 AUXILIARIES, AND APPROXIMATELY 6 SMALL UNIDENTIFIED VESSELS.

25X1

GUBA ARA NAVAL BASE

UR 6922N 03247E

25X1

NO EVIDENCE OF MISSILE
THIS BASE IS SUPPORTED BY A GOOD ROAD FROM URA GUBA NAVAL BASE.

OB -- 1 POSSIBLE DD AND 6 SMALL POSSIBLE COMBATANTS.

25X1

DALNIYE ZELENTSY NAVAL FACILITY

UR 6904N 03618E

25X1

THE L-HEAD PIER IS MISSING. NO OTHER CHANGES SINCE

OB -- 1 SMALL UNIDENTIFIED SURFACE VESSEL.

25X1

CHEREPOVETS AMM/SAM LAUNCH COMPLEX

UR 5906N 03810E

FACILITIES ARE CONSIDERED TO BE IN A LATE STAGE OF CONSTRUCTION. ACTIVITY THROUGHOUT THE COMPLEX IS EVIDENCED BY VEHICLE TRACKS/SNOW REMOVAL WITHIN LAUNCH SITES A, B, AND C, ON THE LAUNCH AREA MAIN ROAD, AND ON SERVICE ROADS OF THE ELECTRONIC SITE. SNOW HAS BEEN REMOVED FROM THE AREA IN FRONT OF THE 2 REVETTED BUILDINGS IN THE POSSIBLE MISSILE HANDLING AREA.

EACH LAUNCH POSITION AT SITES A, B, AND C IS OCCUPIED

TOP SECRET

25X1

25X1

TOP SECRET

25X1

25X1

MISSION 4025 16-20 FEB 66

BY A RAIL-TYPE LAUNCHER AND 2 ADDITIONAL PIECES OF EQUIPMENT, PROBABLY DOLLIES. SIX LAUNCHERS, PROBABLY COVERED, ARE PARKED IN A ROW ALONGSIDE LAUNCH POSITIONS A-4 AND B-1. VANS OCCUPY THE REVETTED CENTER POSITIONS OF SITES A, B, AND C. ADDITIONAL VANS PARKED WITHIN THE 3 SITES WILL PROBABLY BE EMPLACED EVENTUALLY AT LAUNCH SITES D AND E.

AN EXCAVATION IS OBSERVED AT SOME OF THE LAUNCH POINTS AT UNOCCUPIED SITES D AND E, ALTHOUGH THE SITES ARE GENERALLY SNOW COVERED.

SIX VANS ALIGNED IN A REVETTED AREA ARE NEWLY OBSERVED ALONG THE SOUTHERN SIDE OF THE LAUNCH AREA MAIN ROAD NORTH OF LAUNCH SITE C.

A RADAR SET, CONSIDERED TO BE THE SAME AS THAT OBSERVED AT OTHER DEPLOYED AMM/SAM LAUNCH COMPLEXES, IS SITUATED ON ELEVATED POSITIONS 1, 2, AND 3 OF THE ELECTRONIC SITE. TWO ASSOCIATED VANS ARE COLLOCATED WITH EACH RADAR. THREE GROUPS OF VANS, EACH WITH 4 IN A ROW, ARE LOCATED WITHIN THE ELECTRONIC SITE. THREE VANS AND 3 SMALLER VANS/PIECES OF EQUIPMENT OCCUPY THE CENTRAL REVETTED POSITION OF THE ELECTRONIC SITE.

CABLE TRACES ARE NEWLY OBSERVED EXTENDING TO LAUNCH SITES A, B, AND C FROM THE ELECTRONIC SITE. A BUILDING, NOT PRESENT [REDACTED] IS IN A MID-STAGE OF CONSTRUCTION AT THE EASTERN EDGE OF THE POSSIBLE MISSILE HANDLING AREA. SEVERAL MISCELLANEOUS VEHICLES/PIECES OF EQUIPMENT ARE LOCATED IN THE SUPPORT AREA NW OF THE COMPLEX PROPER. NO MISSILES ARE IDENTIFIED AT THE COMPLEX.

25X1

(SEE ATTACHMENT)

25X1

HAIPHONG SAM SITE A29-2

VN 2052N 10634E

25X1

SITE IS OF LINK CONFIGURATION AND CONTAINS 6 REVETTED UNOCCUPIED LAUNCH POSITIONS, 1 REVETTED UNOCCUPIED CENTRAL GUIDANCE AREA, AND 3 REVETTED UNOCCUPIED MISSILE HOLD POSITIONS. NO SITE SECURITY OBSERVED.

25X1

TOP SECRET

25X1

25X1

TOP SECRET

MISSION 4025 16-20 FEB 66

HAIPHONG SAM SITE A02-2

VN 2056N 10642E

SITE, OF MODIFIED STAR CONFIGURATION, HAS 6 REVETTED UNOCCUPIED LAUNCH POSITIONS, A REVETTED UNOCCUPIED CENTRAL GUIDANCE AREA, AND 2 REVETTED UNOCCUPIED MISSILE HOLD POSITIONS 700 FT SSW OF LAUNCH AREA. ACQUISITION RADAR IS LOCATED 400 FT SSW OF LAUNCH AREA.

HAIPHONG SAM SITE A17A-2

VN 2042N 10644E

ONLY 1 REVETTED UNOCCUPIED LAUNCH POSITION IS VISIBLE.

GLAZOV REGIONAL MILITARY STOR INSTALLATION UR 5751N 05317E

UNIDENTIFIED CONSTRUCTION ACTIVITY OBSERVED IN SE CORNER OF INSTALLATION. AT LEAST 600 UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT AND AT LEAST 140 RAIL CARS OBSERVED IN STORAGE AREA.

TAMBOV REGIONAL MILITARY STOR INSTALLATION UR 5227N 04127E

APPROXIMATELY 1,000 UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT OBSERVED IN STORAGE AREA IN THE SAME LOCATIONS AS ON [REDACTED] TWO BUILDINGS ARE UNDER CONSTRUCTION IN SW CORNER OF STORAGE AREA. FOUR LARGE TANKS OBSERVED UNDER CONSTRUCTION IN EXCAVATIONS ALONG THE ACCESS ROAD TO STORAGE AREA. FIVE BUILDINGS ARE UNDER CONSTRUCTION IN SUPPORT/HOUSING AREA. SOUTH END OF SECURITY FENCE AT NUCLEAR RAIL-TO-ROAD TRANSFER POINT HAS BEEN EXTENDED.

TOP SECRET

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Air Facilities

TOP SECRET

MISSION 4025 16-20 FEB 66

25X1
25X1

AIR FACILITIES

PETROPAVLOVSK/YELIZOVO AIRFIELD

UR 5310N 15827E

NO NEW CONSTRUCTION OR CHANGE IN FACILITIES OBSERVED.

**OB -- 11 BADGER, 12 PROBABLE FISHPOT, 7 FIREBAR-TYPE, 1
PROBABLE FISHBED, 13 PROBABLE FAGOT/FRESCO, 1 CAT/CUB,
3 CAMP, 3 CAB, 1 COLT, 11 PROBABLE HOUND, AND 3
PROBABLE HARE.**

25X1

25X1

CHENG-TU AIRFRAME PLANT

CH 3043N 10358E

**NO CHANGE IN FACILITIES OBSERVED. ROOF STAINS INDICATE
THAT THE PLANT IS ACTIVE.**

**OB -- 4 FAGOT/FRESCO AND 1 PROBABLE FAGOT/
FRESCO. 2 SMALL SWEPT-WING AND 2 PROBABLE SMALL
AIRCRAFT.**

25X1

25X1

25X1

PEI-TUN AIRFIELD

CH 2527N 10043E

**NO NEW CONSTRUCTION, CHANGE IN FACILITIES, OR FEATURES
NOT PREVIOUSLY REPORTED.**

**OB -- 2 BEAGLE, 22 FAGOT/FRESCO (2 WITHOUT TAIL
ASSEMBLY), 7 PROBABLE FEATHER, 1 POSSIBLE FEATHER, AND
6 MAX/MOOSE.**

THIRTY TRUCKS ARE PARKED IN SUPPORT AREA.

25X1

YUN-NAN-I AIRFIELD

CH 2525N 10042E

**NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR FEATURES
NOT PREVIOUSLY REPORTED.**

OB -- 46 FAGOT/FRESCO, 5 CRATE, AND 14 CAB.

25X1

TOP SECRET

25X1

25X1

TOP SECRET

MISSION 4025 16-20 FEB 66

25X1
25X1
25X1**FERGANA AIRFIELD**

UR 4021N 07144E

25X1

2.2 NM SW OF FERGANA.

7,455 X 160 FT N/S SERVICEABLE GRADED-EARTH/OILED RUNWAY WITH A LOOP TAXIWAY, 1 CROSSOVER LINK, AND 2 PARKING APRONS. 7,700 X 200 FT N/S SERVICEABLE GRADED-EARTH RUNWAY WITH A 2,360-FT OVERRUN AT THE NORTH END. 7,955 X 230 FT WNW/ESE SERVICEABLE GRADED-EARTH RUNWAY WITH A 575-FT OVERRUN AT THE WNW END.

SUPPORT FACILITIES INCLUDE 1 ADMINISTRATION, 2 MAINTENANCE, 3 POL, AND 1 EXPLOSIVES STORAGE AREAS. A RADAR SITE, 0.6 NM NE OF THE CENTER OF THE 7,455-FT N/S RUNWAY, CONSISTS OF A BIG MESH, KNIFE REST, FISH NET, AND A POSSIBLE SPOON REST. THE FIELD IS EQUIPPED WITH A GCA SITE CONTAINING LONG TALK, FIXED SMALL CROSS, CROSS FORK, AND 1 UNIDENTIFIED TYPE RADAR AID.

OB -- 1 COOT, 27 CAT/CUB, 4 CAB, 14 COLT, AND 3 CREEK.

25X1

TIEN-YANG AIRFIELD

CH 2344N 10658E

25X1

NO CHANGE OBSERVED

25X1

OB -- NONE OBSERVED.

25X1

KARIBA AIRFIELD

RZ 1631S 02853E

5 NM EAST OF KARIBA.

5,200 X 75 FT ENE/WSW SERVICEABLE BLACKTOP RUNWAY WITH A TURN-UP AREA AT EACH END AND A PARKING APRON WITH 3 CONNECTING LINKS. SUPPORT FACILITIES INCLUDE A TERMINAL BUILDING, A SMALL HANGAR, AND A SUPPORT AREA.

OB -- NONE OBSERVED.

25X1

TOP SECRET

25X1

25X1

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**Naval
Activity/
Ports**

TOP SECRET

MISSION 4025 16-20 FEB 66

NAVAL ACTIVITY/PORTS

SHAN-TOU NAVAL BASE

CH 2321N 11640E

NO APPARENT CHANGE IN FACILITIES

NO STOCKPILING OR BUILDUP OBSERVED.

OB -- 1 PROBABLE KRONSTADT-CLASS PC (AT ANCHOR), 2
NEW-CLASS PC, AND 5 SHANGHAI-CLASS PTF (1 AT ANCHOR).

TOP SECRET

**Electronics/
Communications**

TOP SECRET

MISSION 4025 16-20 FEB 66

ELECTRONICS/COMMUNICATIONS

RUSTAVI HF SPHERICAL CURTAIN ANTENNA

UR 4126N 04509E

FACILITY CONTAINS 2 SPHERICAL/CIRCULAR ARRAYS (EACH SUPPORTED BY 9 TOWERS), 2 RAIL-MOUNTED, MOVABLE FEED TOWERS, AND 1 CENTRAL CONTROL BUILDING, ALL LOCATED WITHIN A PENTAGONAL SECURITY FENCE. THE FACILITY USES THE SAME SUPPORT FACILITY AS THE RUSTAVI KRUG FACILITY.

SMIDOVICH TALL KING FACILITY SEARCH

UR 7456N 05625E

NO TALL KING OBSERVED.

OSTROV MITYUSHEV TALL KING FACILITY SEARCH UR 7310N 05335E

APPROXIMATELY 40 PERCENT OF SEARCH AREA COVERED ON PASS
NO TALL KING OBSERVED WITHIN 25 NM OF REFERENCED
COORDINATES. NO TALL KING OBSERVED WITHIN 25 NM OF
REFERENCED COORDINATES

KARSHI TALL KING FACILITY

UR 3842N 06543E BONUS 1

10 NM SSW OF KARSHI.
SECURED FACILITY CONTAINS 1 TALL KING ANTENNA, 1
ANTENNA BUILDING, 1 SUPPORT BUILDING, AND 1 GENERATOR
BUILDING. AN UNIDENTIFIED FACILITY LOCATED 15 NM NE OF
THE TALL KING CONTAINS 1 LARGE BUILDING AND 1 SMALL
BUILDING.

AMDERMA TROPOSCATTER SITE

UR 6942N 6125E BONUS 2

6 NM SW OF AMDERMA.
NEWLY IDENTIFIED TYPE II TROPOSCATTER FACILITY CONTAINS
2 BILLBOARD CONFIGURED REFLECTORS, 1 TRANSMITTING
BUILDING, 3 CONTROL/SUPPORT BUILDINGS, AT LEAST 5 VANS,

TOP SECRET

TOP SECRET

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25X1
25X1

EXTENSIVE GROUND SCARRING AND EXCAVATION WORK, AND 2
FEED TOWERS. THE APPROXIMATE ORIENTATION OF THE
REFLECTORS

25X1

(SEE ATTACHMENT)

25X1

TOP SECRET

25X1
25X1

**Military
Activity**

TOP SECRET

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25X1
25X1

MILITARY ACTIVITY

CHUEH-SHAN MILITARY AREA

CH 3249N 11351E BONUS 1

8.5 NM WEST OF CHUEH-SHAN.
INSTALLATION CONTAINS 23 BARRACKS, 2 ADMINISTRATION
BUILDINGS, 48 STORAGE/SUPPORT BUILDINGS, 2 VEHICLE
MAINTENANCE BUILDINGS, 9 VEHICLE STORAGE SHEDS, AND 8
PROBABLE OFFICERS/DEPENDENTS QUARTERS. FACILITIES
INCLUDE 1 WALL-SECURED TANK/ASSAULT-GUN MAINTENANCE AND
STORAGE AREA, 1 PARADE FIELD, AND 1 TRACKED-VEHICLE
DRIVER-TRAINING AREA.

OB -- 49 PROBABLE TANKS/SP GUNS.

(SEE ATTACHMENT)

25X1

TOP SECRET

25X1
25X1

-

-

Complexes

-

-

TOP SECRET

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25X1

25X1

COMPLEXES

MAN-CHOU-LI COMPLEX

CH 4936N 11726E

25X1

NO APPARENT CHANGE IN FACILITIES. INDUSTRIAL ACTIVITY
APPEARS TO BE LIGHT.

25X1

TOP SECRET

25X1

25X1

Index

TOP SECRET

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25X1

25X1

INDEX OF COMOR TARGETS

COMOR	INSTALLATION NAME	CTY	COORDINATES	OAK
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	PLESETSK ICBM COMPLEX	UR	6254N 04038E	1
	PLESETSK ICBM LAUNCH AREA A (SITE 4)	UR	6258N 04046E	1
	PLESETSK ICBM LAUNCH AREA B (SITE 5)	UR	6303N 04057E	1
	PLESETSK ICBM LAUNCH AREA C (SITE 6)	UR	6300N 04052E	1
	PLESETSK ICBM LAUNCH AREA D (SITE 8)	UR	6253N 04047E	1
	PLESETSK ICBM LAUNCH AREA E (SITE 7)	UR	6251N 04034E	1
	PLESETSK SSM LAUNCH AREA F	UR	6252N 04044E	1
	PLESETSK ICBM COMPLEX SUPPORT FACILITY	UR	6254N 04038E	1
	PLESETSK ICBM RAIL-TO-ROAD TRANSFER POINT	UR	6255N 04044E	1
	YURYA ICBM COMPLEX	UR	5904N 04917E	1
	YURYA ICBM LAUNCH AREA A (SITE 2)	UR	5910N 04931E	1
	YURYA ICBM LAUNCH AREA B (SITE 1)	UR	5909N 04939E	1
	YURYA ICBM LAUNCH AREA C (SITE 3)	UR	5913N 04925E	1
	YURYA ICBM LAUNCH AREA G (SITE 6)	UR	5904N 04951E	1
	YURYA ICBM LAUNCH AREA H (SITE 8)	UR	5911N 04946E	1
	YURYA ICBM LAUNCH AREA J (SITE 9)	UR	5906N 04945E	1

25X1

	TYURATAM MISSILE TEST CENTER	UR	4538N 06317E	2
	TYURATAM LAUNCH COMPLEX A (SITES 1,15)	UR	4555N 06320E	2
	TYURATAM LCH CPLX B (SITES 2,16,17,35)	UR	4559N 06333E	2
	TYURATAM LAUNCH COMPLEX E (SITE 6)	UR	4557N 06311E	2
	TYURATAM LAUNCH COMPLEX F (SITE 5)	UR	4601N 06305E	2
	TYURATAM LCH CPLX I (SITES 14,32,36)	UR	4555N 06326E	2
	TYURATAM LAUNCH COMPLEX J (SITE 31)	UR	4555N 06317E	2
	TYURATAM LAUNCH COMPLEX K (SITES 13,20)	UR	4601N 06303E	2
	TYURATAM LAUNCH GROUP L	UR	4603N 06259E	2
	TYURATAM LAUNCH COMPLEX M (SITES 33 & 34)	UR	4603N 06301E	2
	TYURATAM MAIN SUPPORT BASE	UR	4538N 06317E	2
	SVOBODNYI ICBM COMPLEX	UR	5146N 12806E	1
	SVOBODNYI ICBM LAUNCH AREA A (SITE 3)	UR	5154N 12809E	1
	SVOBODNYI ICBM LAUNCH AREA B (SITE 1)	UR	5149E 12818E	1
	SVOBODNYI ICBM LAUNCH AREA C (SITE 2)	UR	5152N 12822E	1
	SVOBODNYI ICBM LAUNCH AREA D (SITE 4)	UR	5158N 12806E	1
	SVOBODNYI ICBM LAUNCH AREA F (SITE 5)	UR	5151N 12812E	1
	SVOBODNYI ICBM LAUNCH AREA G (SITE 7)	UR	5138N 12757E	1

25X1

	DROVYANAYA ICBM COMPLEX	UR	5131N 11300E	2
	DROVYANAYA ICBM LAUNCH AREA A (SITE 1)	UR	5125N 11300E	2
	DROVYANAYA ICBM LAUNCH AREA B (SITE 2)	UR	5125N 11304E	2
	DROVYANAYA ICBM LAUNCH AREA C (SITE 4)	UR	5127N 11303E	2
	DROVYANAYA ICBM LAUNCH AREA D (SITE 3)	UR	5120N 11301E	2
	DROVYANAYA ICBM LAUNCH AREA E (SITE 5)	UR	5122N 11250E	2
	DROVYANAYA ICBM LAUNCH AREA F (SITE 6)	UR	5120N 11254E	2
	DROVYANAYA ICBM LAUNCH GROUP G	UR	5134N 11304E	2
	DROVYANAYA ICBM LAUNCH GROUP H	UR	5122N 11302E	2

25X1

TOP SECRET

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TOP SECRET

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DROVYANAYA ICBM COMPLEX SUPPORT FACILITY	UR 5131N 11300E	2
DROVYANAYA ICBM RAIL-TO-ROAD TSFR POINT	UR 5130N 11302E	2
KOSTROMA ICBM COMPLEX	UR 5746N 04101E	1
KOSTROMA ICBM LAUNCH AREA A (SITE 1)	UR 5801N 04121E	1
KOSTROMA ICBM LAUNCH AREA D (SITE 4)	UR 5805N 04140E	1
KOSTROMA ICBM LAUNCH AREA G (SITE 7)	UR 5806N 04132E	1
ITATKA ICBM COMPLEX	UR 5650N 08535E	1
ITATKA ICBM LAUNCH AREA A (SITE 1)	UR 5658N 08531E	1
ITATKA ICBM LAUNCH AREA B (SITE 2)	UR 5700N 08539E	1
ITATKA ICBM LAUNCH AREA C (SITE 3)	UR 5654N 08539E	1
OMSK ICBM COMPLEX	UR 5504N 07331E	1
TYUMEN ICBM COMPLEX	UR 5652N 06551E	1
TYUMEN ICBM LAUNCH AREA A (SITE 3)	UR 5651N 06533E	1
TYUMEN ICBM LAUNCH AREA C (SITE 2)	UR 5650N 06526E	1
NOVOSIBIRSK ICBM COMPLEX	UR 5515N 08259E	1
OLOVYANNAYA ICBM COMPLEX	UR 5049N 11550E	2
OLOVYANNAYA ICBM LAUNCH AREA A (SITE 1)	UR 5054N 11548E	2
OLOVYANNAYA ICBM LAUNCH AREA B (SITE 2)	UR 5055N 11544E	2
OLOVYANNAYA ICBM LAUNCH AREA C (SITE 3)	UR 5101N 11558E	2
OLOVYANNAYA ICBM LAUNCH GROUP E	UR 5056N 11558E	2
OLOVYANNAYA ICBM LAUNCH GROUP F	UR 5051N 11551E	2
OLOVYANNAYA ICBM LAUNCH GROUP G	UR 5043N 11544E	2
OLOVYANNAYA ICBM LAUNCH GROUP H	UR 5040N 11558E	2
OLOVYANNAYA ICBM COMPLEX SUPPORT FACILITY	UR 5049N 11550E	2
OLOVYANNAYA ICBM RAIL-TO-ROAD TSFR POINT	UR 5050N 11552E	2
DOMBAROVSKIY ICBM COMPLEX	UR 5101N 05950E	2
DOMBAROVSKIY ICBM LAUNCH AREA A (SITE 4)	UR 5111N 05937E	2
DOMBAROVSKIY ICBM LAUNCH AREA B (SITE 3)	UR 5106N 05937E	2
DOMBAROVSKIY ICBM LAUNCH AREA C (SITE 2)	UR 5101N 05941E	2
DOMBAROVSKIY ICBM LAUNCH AREA D (SITE 1)	UR 5058N 05932E	2
DOMBAROVSKIY ICBM LAUNCH AREA G (SITE 11)	UR 5112N 05950E	2
DOMBAROVSKIY ICBM LAUNCH AREA H (SITE 10)	UR 5109N 05944E	2
DOMBAROVSKIY ICBM LAUNCH AREA I (SITE 8)	UR 5102N 05957E	2
DOMBAROVSKIY ICBM LAUNCH AREA J (SITE 9)	UR 5105N 05950E	2
DOMBAROVSKIY ICBM LAUNCH AREA K (SITE 12)	UR 5110N 05957E	2
DOMBAROVSKIY ICBM COMPLEX SUPPORT FAC	UR 5101N 05950E	2
DOMBAROVSKIY ICBM RAIL-TO-ROAD TSFR POINT	UR 5101N 05947E	2
ALEYSK ICBM COMPLEX	UR 5228N 08242E	1
ALEYSK ICBM LAUNCH AREA A (SITE 1)	UR 5227N 08235E	1
ALEYSK ICBM LAUNCH AREA B (SITE 2)	UR 5229N 08240E	1
ALEYSK ICBM LAUNCH AREA C (SITE 3)	UR 5233N 08242E	1
ALEYSK ICBM LAUNCH AREA D (SITE 4)	UR 5232N 08234E	1
ALEYSK ICBM LAUNCH AREA E (SITE 5)	UR 5235N 08230E	1
ALEYSK ICBM LAUNCH AREA F (SITE 6)	UR 5236N 08236E	1
ALEYSK ICBM COMPLEX SUPPORT FACILITY	UR 5228N 08242E	1
ALEYSK ICBM RAIL-TO-ROAD TRANSFER POINT	UR 5228N 08242E	1
UGOLNYY MRBM LAUNCH SITE	UR 6446N 17758E	2
SARY-SHAGAN ANTIMISSILE TEST CENTER	UR 4602N 07334E	2
SARY-SHAGAN AMM/SAM LAUNCH COMPLEX 1	UR 4605N 07327E	2

25X1

TOP SECRET

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SHUANG-CHENG-TZU MISSILE TEST CENTER	CH 4107N 10020E	1
SHUANG-CHENG-TZU MTC LCH CPLX A (SITE 1)	CH 4114N 10017E	1
SHUANG-CHENG-TZU MTC LCH CPLX B (SITE 2)	CH 4115N 10018E	1
SHUANG-CHENG-TZU MTC LCH CPLX C (SITE 3)	CH 4118N 10017E	1
KAMCHATKA PENINSULA MISSILE IMPACT AREA	UR 5722N 16142E	1
EMBA MSL TEST CENTER LAUNCH AREA	UR 4831N 05801E	2
VORKUTA SUSPECT MISSILE IMPACT AREA	UR 6816N 06441E	1
JABAL HAMZI SSM COMPLEX	EG 3007N 03037E	2
ZAGORSK ROCKET ENG TEST FAC KRASNOZAVODSK	UR 5625N 03810E	1
STERLITAMAK ROCKET MOTOR TEST FACILITY	UR 5341N 05558E	1
PEIPING AIRFRAME PLANT	CH 3948N 11625E	1

25X1

HANOI SAM SEARCH	VN 2102N 10551E	2
DIEN BIEN PHU SAM SEARCH	VN 2123N 10301E	1
SEVERODVINSK NAVAL BASE AND SHIPYARD 402	UR 6434N 03949E	2
GUBA LITSA SUBMARINE BASE	UR 6926N 03224E	1
PETROPAVLOVSK NAVAL BASE TARYA BAY	UR 5255N 15830E	2
PETROPAVLOVSK NAVAL MISSILE STORAGE	UR 5256N 15823E	2
PETROPAVLOVSK NVL MSL SUPPORT FACILITY	UR 5257N 15825E	2
PETROPAVLOVSK NVL B SELDEVAYA BAY	UR 5253N 15825E	2
GUBA ARA NAVAL BASE	UR 6922N 03247E	2
PETROVKA SHIPYARD	UR 4307N 13220E	1
DALNIYE ZELENTSY NAVAL FACILITY	UR 6904N 03618E	2
MOSCOW SUSPECT ABM AREA	UR 5545N 03737E	1
CHEREPOVETS AMM/SAM LAUNCH COMPLEX	UR 5906N 03810E	2
ALGIERS SUSPECT SAM DEFENSE AREA	AG 3647N 00303E	1
LAN-CHOU SAM SITE B29-2	CH 3608N 10323E	1
PEIPING SAM SITE B19-2	CH 3939N 11623E	1
HAIPHONG SAM SITE A29-2	VN 2052N 10634E	2
HAIPHONG SAM SITE A02-2	VN 2056N 10642E	2
HAIPHONG SAM SITE A17A-2	VN 2042N 10644E	2
GLAZOV REGIONAL MILITARY STOR INSTALLATION	UR 5751N 05317E	2
TAMBOV REGIONAL MILITARY STOR INSTALLATION	UR 5227N 04127E	2

25X1

25X1

KHOROL AIRFIELD EAST	UR 4427N 13208E	1
PETROPAVLOVSK/YELIZOVO AIRFIELD	UR 5310N 15827E	2
SHEN-YANG AIRFRAME PLANT 112	CH 4152N 12325E	1
IRKUTSK AIRFRAME PLANT 39	UR 5221N 10412E	1
CHENG-TU AIRFRAME PLANT	CH 3043N 10358E	2
MENG-TZU AIRFIELD WEST	CH 2324N 10319E	1
TENG-AO-PAO AIRFIELD	CH 4106N 12251E	1
PEI-TUN AIRFIELD	CH 2527N 10043E	2
YUN-NAN-I AIRFIELD	CH 2525N 10042E	2
KECSKEMET AIRFIELD	HU 4655N 01945E	1
FERGANA AIRFIELD	UR 4021N 07144E	2
TIEN-YANG AIRFIELD	CH 2344N 10658E	2
LAN-CHO-WAN-TZU AIRFIELD	CH 4400N 08708E	1
KARIBA AIRFIELD	RZ 1631S 02853E	2

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TOP SECRET

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TOP SECRET

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2

SHAN-TOU NAVAL BASE	CH 2321N 11640E	2
WU-CHANG SHIPYARD	CH 3032N 11417E	1
RUSTAVI HF SPHERICAL CURTAIN ANTENNA	UR 4126N 04509E	2
OLENEGORSK DUAL HEN HOUSE	UR 6806N 03355E	1
NIZHNIYE KRESTY SUSPECT TROPOSCATTER SITE	UR 6928N 16121E	1
OKHOTSK SUSPECT TROPOSCATTER SITE	UR 5925N 14324E	1
MYS SVYATOY NOS SUSPECT TROPOSCATTER SITE	UR 7250N 14051E	1
SREDNE-KOLYMSK SUSPECT TROPOSCATTER SITE	UR 6730N 15402E	1
TIKSI SUSPECT TROPOSCATTER SITE	UR 7137N 12844E	1
TAYMYLYR SUSPECT TROPOSCATTER SITE	UR 7242N 12158E	1
MYS KOSISTYY SUSPECT TROPOSCATTER SITE	UR 7333N 11021E	1
SANGAR SUSPECT TROPOSCATTER SITE	UR 6354N 12734E	1
VANKAREM SUSPECT TROPOSCATTER SITE	UR 6749N 17622W	1
PEVEK SUSPECT TROPOSCATTER SITE	UR 6943N 17151E	1
YARNISHI TALL KING FACILITY SEARCH	UR 6907N 03604E	1
SMIDOVICH TALL KING FACILITY SEARCH	UR 7456N 05625E	2
CHAGAN UZUN TALL KING FACILITY SEARCH	UR 4956N 08740E	1
KURCHUM DUAL TALL KING FACILITY	UR 4833N 08338E	1
NIKULIND TALL KING FACILITY SEARCH	UR 6022N 08947E	1
NORILSK TALL KING FACILITY SEARCH	UR 6919N 08810E	1
NORILSK/NADEZHDA TALL KING FACILITY SEARCH	UR 6918N 08735E	1
OSSORA TALL KING-AW RADAR FACILITY SEARCH	UR 5917N 16305E	1
OSTROV MITYUSHEV TALL KING FACILITY SEARCH	UR 7310N 05335E	2
POLUOSTROV KHARA-TUMUS TALL KING FACILITY	UR 7344N 11056E	1
VERKHNIY INEGEN TALL KING FACILITY SEARCH	UR 5011N 08651E	1
KERDYUGEN SUSPECT TROPOSCATTER SITE	UR 6149N 12722E	1
TALAKH SUSPECT TROPOSCATTER SITE	UR 6133N 12617E	1
KARA-KUL SUSPECT TROPOSCATTER SITE	UR 4700N 05553E	1
NIMGERKAN SUSPECT TROPOSCATTER SITE	UR 5823N 12458E	1
URGENCH TALL KING FACILITY SEARCH	UR 4128N 06054E	1
BUCHAREST TALL KING FACILITY SEARCH	RU 4420N 02619E	1
PLENITA TALL KING FACILITY SEARCH	RU 4414N 02308E	1
CARACAL TALL KING FACILITY SEARCH	RU 4357N 02431E	1
CHUEH-SHAN ARMY BARRACKS	CH 3248N 11401E	1
SSU-MAO MILITARY COMPLEX	CH 2247N 10058E	1

KUN-MING COMPLEX	CH 2504N 10241E	1
MAN-CHOU-LI COMPLEX	CH 4936N 11726E	2
KARIBA DAM	RZ 1630S 02845E	1
NYANDOMA SENSITIVE OPERATIONS COMPLEX	UR 6139N 04015E	1

47

TOP SECRET

25X1

25X1

TOP SECRET

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25X1

25X1

KASEVO PROCESSING PLANT

UR 5606N 05415E 1

25X1

TOP SECRET

25X1

25X1

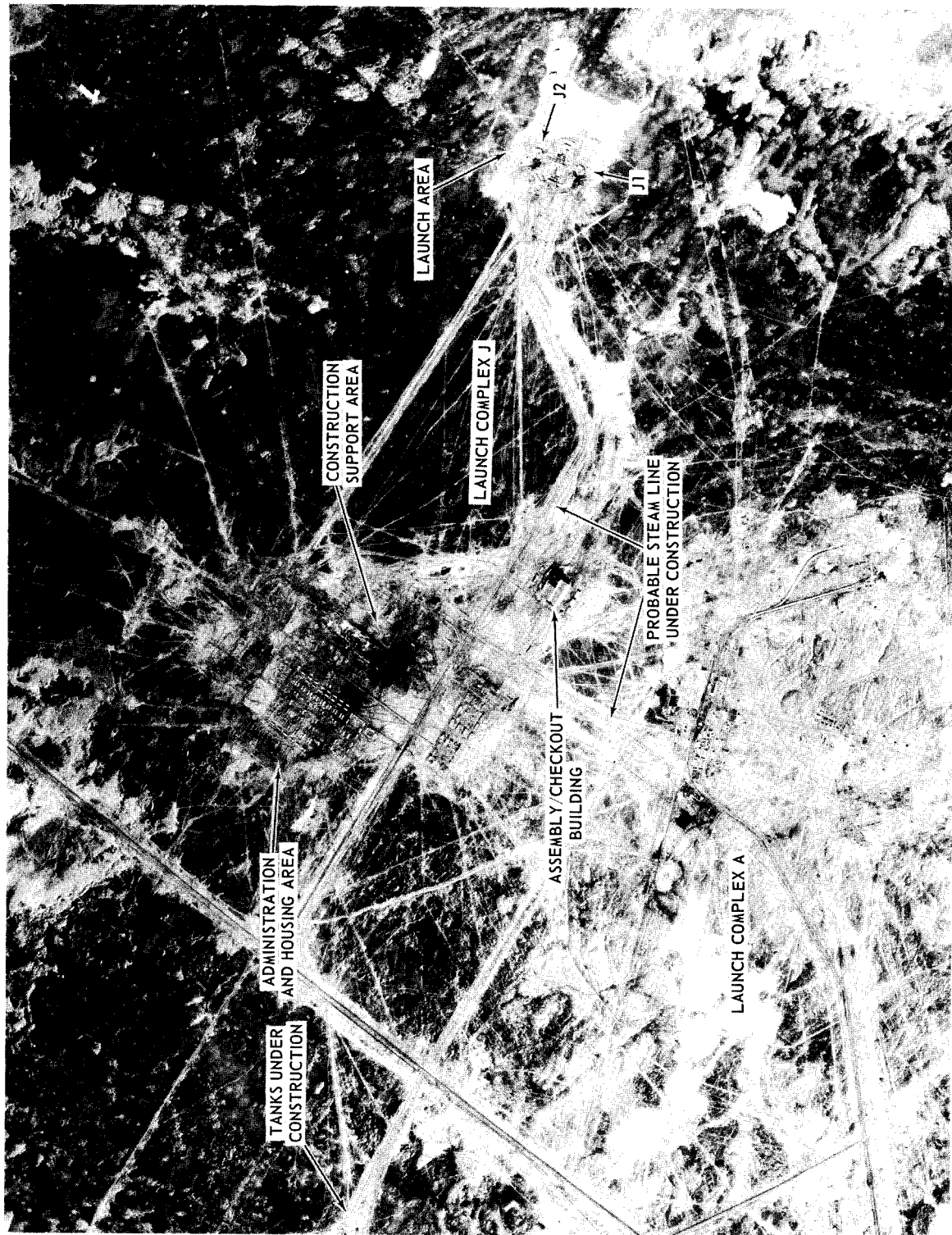
Attachments

TOP SECRET

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ATTACHMENT 1

25X1
25X1



LAUNCH COMPLEXES A AND J, TYURATAM MISSILE TEST CENTER, USSR

TOP SECRET

25X1

TOP SECRET

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ATTACHMENT 2

25X1



LAUNCH AREA J1-J2, TYURATAM MISSILE TEST CENTER, USSR

TOP SECRET

25X1

25X1

TOP SECRET
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25X1

ATTACHMENT 3

PERSPECTIVE DRAWING OF LAUNCH AREA J1, TYURATAM MISSILE TEST CENTER, USSR

NPIC K-7412 (2/68)

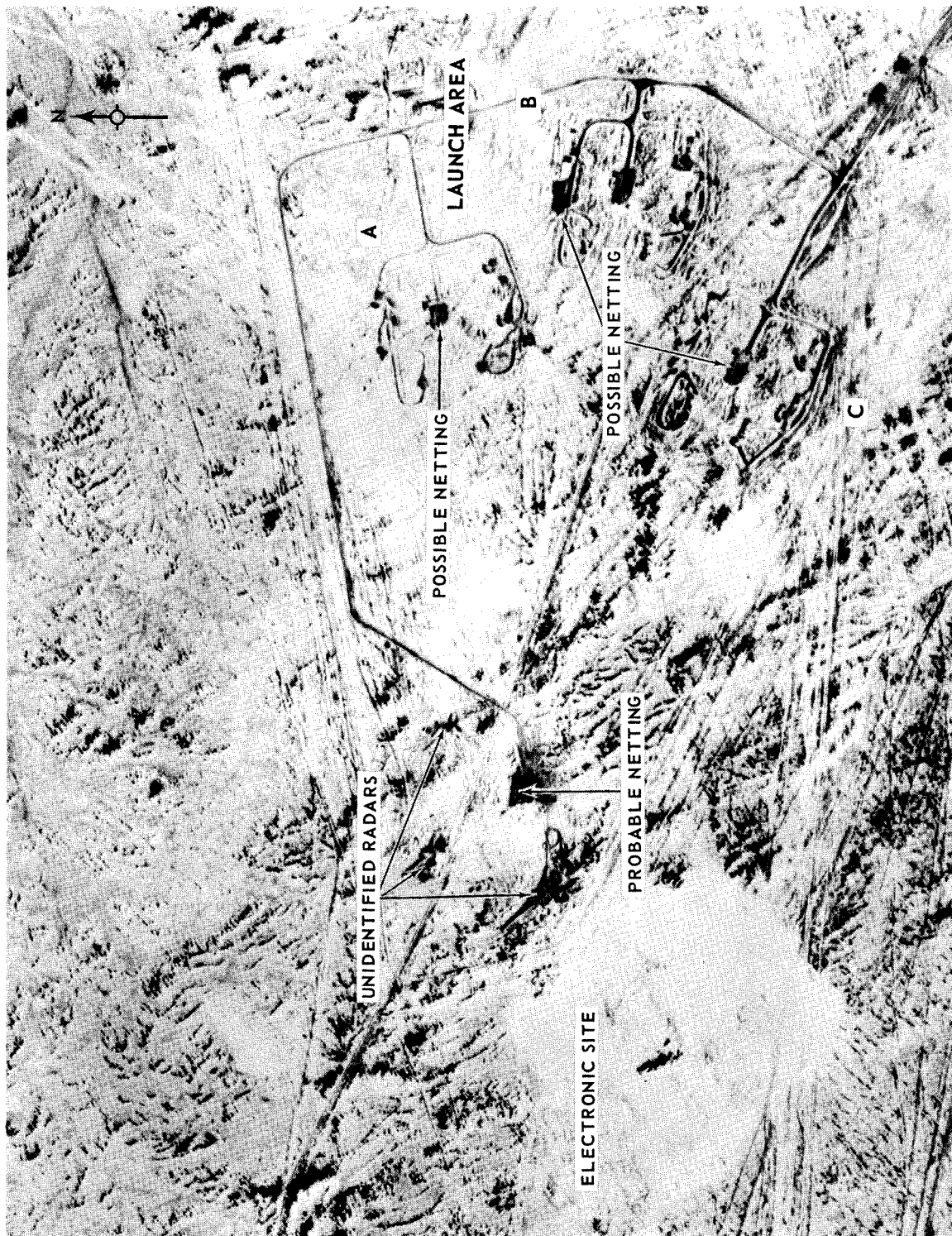
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ATTACHMENT 4

225X1



AMM/SAM LAUNCH COMPLEX 1, SARY-SHAGAN ANTIMISSILE TEST CENTER, USSR

NPIC K-7413 (2/66)

TOP SECRET

25X1

TOP SECRET

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ATTACHMENT 5

25X1



ELECTRONIC SITE NEAR AMM/SAM LAUNCH COMPLEX 1, SARY-SHAGAN ANTIMISSILE TEST CENTER, USSR

NPIC K-7414 (2/7/66)

TOP SECRET

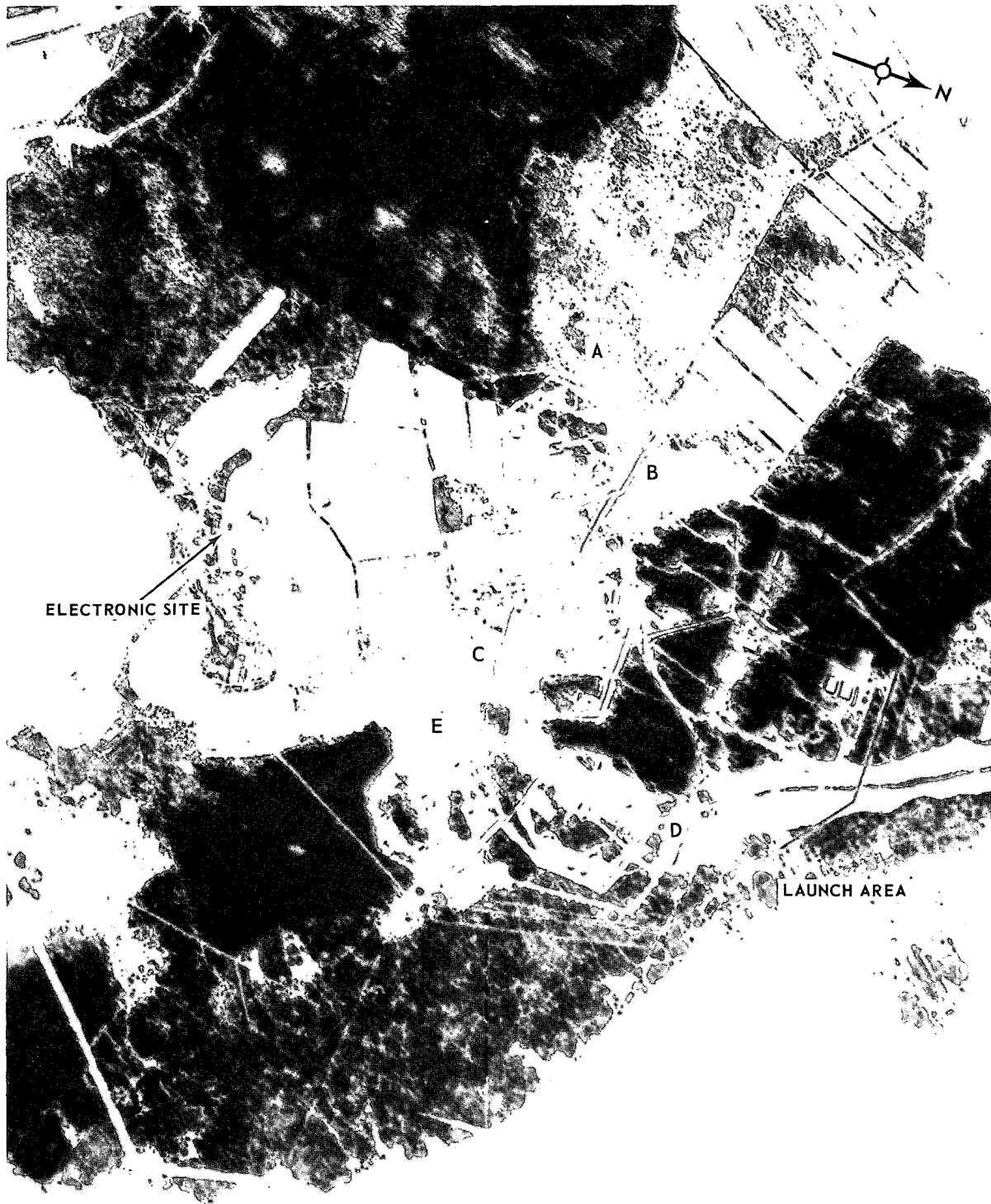
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TOP SECRET

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ATTACHMENT 6

25X1



AMM/SAM LAUNCH COMPLEX, CHEREPOVETS, USSR

NPIC K-7415 (2/66)

TOP SECRET

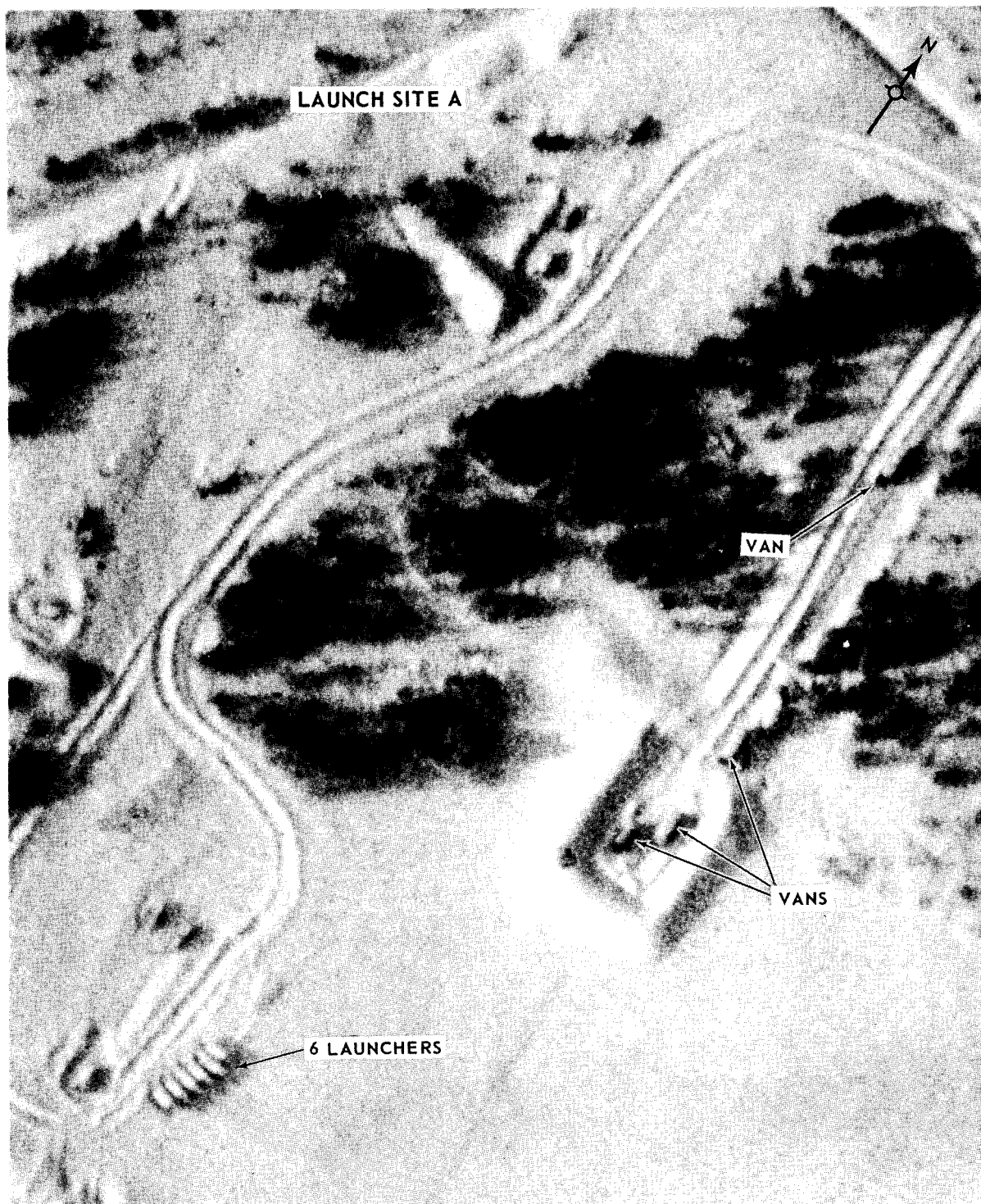
25X1

TOP SECRET

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ATTACHMENT 7

25X1



GROUND SUPPORT EQUIPMENT, AMM/SAM LAUNCH COMPLEX, CHEREPOVETS, USSR

NPIC K-7416 (2/66)

TOP SECRET

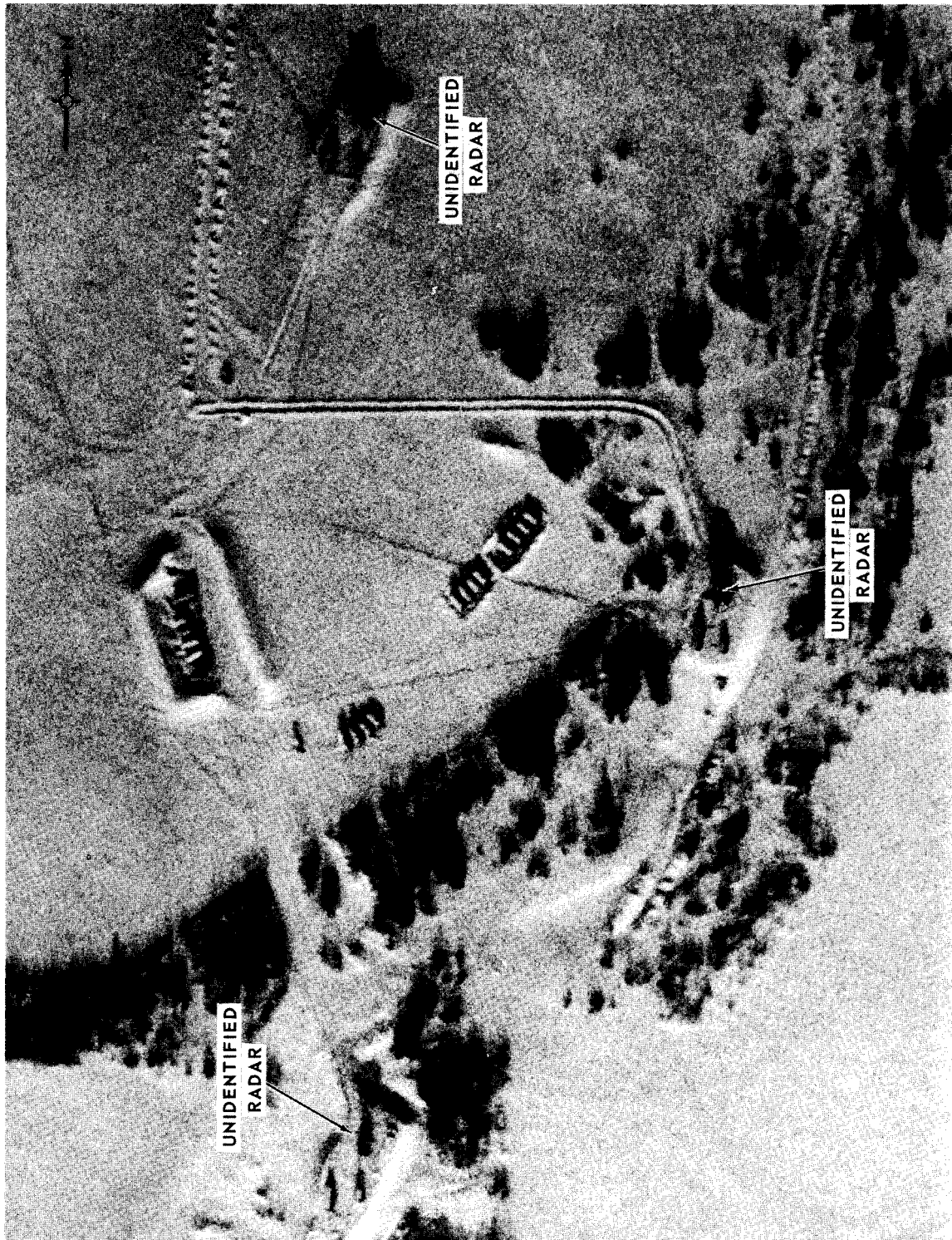
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ATTACHMENT 8

25X1



ELECTRONIC SITE, AMM/SAM LAUNCH COMPLEX, CHEREPOVETS, USSR

NPIC K-7417 (2/66)

TOP SECRET

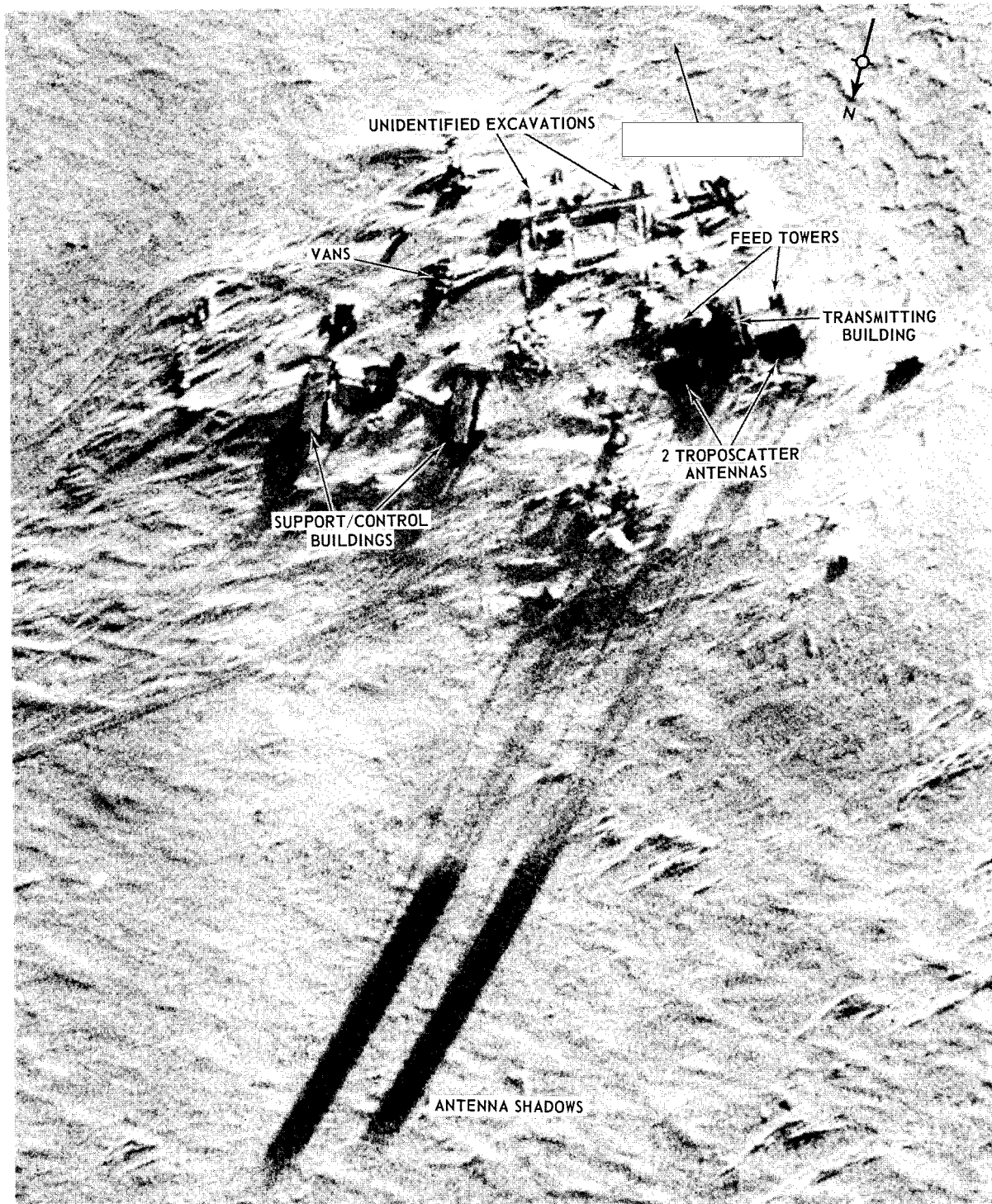
25X1

TOP SECRET

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ATTACHMENT 9

25X1
25X1



25X1

TROPOSCATTER SITE, AMDERMA, USSR

NPIC K-7418 (2/66)

TOP SECRET

25X1

TOP SECRET

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ATTACHMENT 10

25X11



CHUEH-SHAN MILITARY AREA, CHINA

NPIC K-7419 (2/66)

TOP SECRET

25X11

TOP SECRET

TOP SECRET